



SEPTEMBER 2005

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

EUREKA, CA

WOODLEY ISLAND (NEW 10/94) (EKA)

Lat: 40° 48' N Long: 124° 09' W Elev (Ground): 19 Feet

Time Zone: PACIFIC WBAN: 24213 ISSN #: 0198-0726

DATE	TEMPERATURE °F						DEG DAYS BASE 65°		WEATHER	SNOW/ICE ON GND (IN)		PRECIPITATION (INCHES)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								DATE																				
	MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	HEATING	COOLING		0400 LST	1000 LST	2400 LST	2400 LST	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM																									
																			PEAK		2-MIN																							
																			SPEED	DIR	SPEED	DIR																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																					
01	63	50	57	-1			8	0	DZ BR	0		0.0	T										01																					
02	63	53	58	0			7	0	DZ BR	0		0.0	T										02																					
03	60	52	56	-2			9	0	FG+ BR	0		0.0	0.00										03																					
04	62	51	57	-1			8	0		0		0.0	0.00										04																					
05	64	48	56	-2			9	0	HZ	0		0.0	0.00										05																					
06	60	51	56	-2			9	0		0		0.0	0.00										06																					
07	60	54	57	-1			8	0	BR	0		0.0	0.00										07																					
08	55	51	53	-5			12	0	DZ FG BR	0		0.0	T										08																					
09	63	52	58	0			7	0	DZ BR	0		0.0	T										09																					
10	65	52	59	1			6	0		0		0.0	0.00										10																					
11	66	49	58	0			7	0	DZ FG+ BR	0		0.0	T										11																					
12	59	51	55	-3			10	0	DZ FG+ BR	0		0.0	0.01										12																					
13	59	50	55	-3			10	0	DZ BR	0		0.0	T										13																					
14	58	51	55	-3			10	0	DZ BR	0		0.0	T										14																					
15	58	52	55	-3			10	0	DZ BR	0		0.0	0.01										15																					
16	64	49	57	0			8	0	RA BR	0		0.0	0.06										16																					
17	58	50	54	-3			11	0	DZ FG+ BR	0		0.0	T										17																					
18	55	50	53	-4			12	0	BR	0		0.0	0.00										18																					
19	57	48	53	-4			12	0	DZ FG+ BR	0		0.0	T										19																					
20	58	48	53	-4			12	0	DZ FG+ BR	0		0.0	T										20																					
21	59	47	53	-4			12	0	DZ BR	0		0.0	T										21																					
22	59	50	55	-2			10	0	FG BR	0		0.0	0.00										22																					
23	60	46	53	-4			12	0	RA	0		0.0	T										23																					
24	62	42	52	-5			13	0		0		0.0	0.00										24																					
25	70	42*	56	-1			9	0		0		0.0	0.00										25																					
26	70*	44	57	0			8	0		0		0.0	0.00										26																					
27	57	49	53	-3			12	0	FG+ BR	0		0.0	0.00										27																					
28	56	46	51*	-5			14	0	FG+ BR	0		0.0	0.00										28																					
29	58	48	53	-3			12	0	FG+ BR	0		0.0	0.00										29																					
30	65	52	59*	3			6	0	DZ FG+ BR	0		0.0	T										30																					
60.8										49.3		55.1		■ ■				9.8		0.0		< MONTHLY AVERAGES		TOTALS-->				0.0		0.08								<-- MONTHLY AVERAGES						
-2.8										-1.9		-2.3		■ ■		<-----		DEPARTURE FROM NORMAL		----->						- .78		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																
DEGREE DAYS									GREATEST 24-HR PRECIPITATION: 0.06 DATE :16									SEA LEVEL PRESSURE DATE TIME																										
MONTHLY									GREATEST 24-HR SNOWFALL: 0.0 DATE : :									MAXIMUM																										
TOTAL DEPARTURE									SEASON TO DATE									MINIMUM																										
TOTAL DEPARTURE									TOTAL DEPARTURE																																			
HEATING: 293 61 725 79									NUMBER OF DAYS WITH ➔									MAXIMUM TEMP ≥ 90: 0									MINIMUM TEMP ≤ 32: 0									PRECIPITATION ≥ 0.01 INCH : 3								
COOLING: 0 -5 1 -6																		MAXIMUM TEMP ≤ 32: 0									MINIMUM TEMP ≤ 0: 0									PRECIPITATION ≥ 0.10 INCH : 0								
																		THUNDERSTORMS : 0									HEAVY FOG : 10									SNOWFALL ≥ 1.0 INCH : 0								

SEPTEMBER 2005
EUREKA, CA

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

EUREKA, CA

SEPTEMBER 2005

EKA

WBAN # 24213

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different	2400 LST	
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			Water	Equiv.
01													01												01			T	
02							T	T					02										T			02		T	
03													03													03		0.00	
04													04													04		0.00	
05													05													05		0.00	
06													06													06		0.00	
07													07													07		0.00	
08								T	T	T			08									T	T	T		08		T	
09	T	T	T	T	T								09									T	T			09		T	
10													10													10		0.00	
11													11													11		T	
12													12				T						T	T		12		0.01	
13	T	T	T	T	T	T	T	T	T				13								T	T	0.01	T		13		T	
14													14									T				14		T	
15	T	T	T	0.01	T	T	T	T					15								T	T	T			15		0.01	
16													16	T	0.02											16		0.06	
17													17	T	T											17		T	
18													18			T										18		0.00	
19													19													19		T	
20													20													20		T	
21						T	T						21								T	T				21		T	
22													22													22		0.00	
23													23													23		T	
24													24													24		0.00	
25													25													25		0.00	
26													26													26		0.00	
27													27													27		0.00	
28													28													28		0.00	
29													29													29		0.00	
30													30		T	T										30		0.00	

MAXIMUM SHORT DURATION PRECIPITATION

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)												
Ending Date												
Ending Time (Hour/Min)												

Date and time are not entered for TRACE amounts.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

* = Extreme for the month (last occurrence if more than one)

T = Trace precipitation amount

+ = also occurs on earlier date

FG+ = Heavy fog, visibility 0.25 miles or less
BLANK entries denote missing or unreported data

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

NORMALS ARE FOR THE YEARS 1971–2000

WEATHER NOTATIONS

QUALIFIER	WEATHER PHENOMENA		
DESCRIPTOR	PRECIPITATION	OBSCURATION	OTHER
BC Patches	DZ Drizzle	BR Mist	DS Duststorm
BL Blowing	GR Hail	DU Widespread Dust	FC Funnel Cloud
DR Low Drifting	GS Small Hail and/or Snow Pellets	FG Fog	+FC Tornado Waterspout
FZ Freezing	IC Ice Crystals	FU Smoke	PO Well-Developed Dust/Sand Whirls
MI Shallow	PL Ice Pellets	HZ Haze	
PR Partial	RA Rain	PY Spray	SQ Squalls
SH Shower(s)	SG Snow Grains	SA Sand	SS Sandstorm
TS Thunderstorm	SN Snow	VA Volcanic Ash	GL Glaze
VC In the Vicinity	UP Unknown Precipitation		
Intensity (as indicated on pages 4 to 6): '+' = Heavy ' ' = Moderate '–' = Light			

EUREKA, CA SEPTEMBER 2005

Sky Cover is the mean cloud cover observed from sunrise to sunset (SR–SS), or midnight to midnight (MN–MN).

Satellite data are used to derive cloudiness above 12,000 feet. Effective Cloud Amount is based on the cloud cover and the transparency of the clouds within the satellite field of view (approx. 31x31 miles).

Sky Condition is based on the SR–SS sky cover.
Clear = 0–2 oktas, Partly Cloudy = 3–6 oktas, Cloudy = 7–8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled at constant pressure by evaporation of moisture into it, to 100% relative humidity.

ADDITIONAL NOTES:

Maximum short duration precipitation data not recorded.

DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR-SS		MN-MN		MINIMUM	MAXIMUM	
			SKY COVER	SATELLITE	SKY COVER	SATELLITE			
01			3						
02			6						
03			8						
04			5						
05			2						
06			6						
07			7						
08			8						
09			4						
10			4						
11			2						
12			8						
13			8						
14			8						
15			8						
16			6						
17			8						
18			8						
19			6						
20			6						
21			7						
22			6						
23			1						
24			0						
25			0						
26			6						
27			7						
28			7						
29			4						
30			8						
MONTHLY AVGS			6						
<div>SUNSHINE (MINUTES)</div> <div>Total: Possible:</div> <div> Percent Possible:</div>									
<div>NUMBER OF DAYS WITH:</div> <div>SKY CONDITION</div> <div>CLR PTLY CLDY CLOUDY MISSING</div> <div>5 12 13 0</div> <div>MINIMUM VISIBILITY (MILES)</div> <div><=0.25 <=3.0 >=7.0</div>									



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I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA – National Weather Service / Department Of Transportation – Federal Aviation Administration and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.

DIRECTOR

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